

### LISTING OF CLAIMS

16. (Amended) A method for managing a plurality of services located on a plurality of servers as an extensible service bus ~~on a first network~~, comprising:

- providing a registration service where an agent machine can register as a subscriber with the extensible service bus and receive a subscriber identification;
- providing a login service where the agent machine can connect to the extensible service bus using the subscriber identification;
- providing a service map management service that receives server location information from each of the plurality of services and generates a service location map comprising a listing of at least one of the plurality of the services included on the extensible service bus and server location information corresponding to each service of the at least one service;
- providing a connection status service to monitor the connection status of subscribers and the servers connected to the extensible service bus; and
- providing a ~~second network~~ state change service, wherein  
the ~~second network~~ state change service causes the agent machine to change a state of the agent machine to comply with a requirement for using one of the plurality of services ~~controls the agent machine when the second machine accesses a second network, and the first network comprises the second network.~~

17. (Previously presented) The method for managing services of claim 16, further comprising:

- providing a subscriber profile database service that stores subscriber data that is required for access to the extensible service bus.

18. (Previously presented) The method for managing services of claim 16, further comprising:

transmitting a copy of the service location map to each subscriber to the extensible service bus.

19. (Previously presented) The method for managing services of claim 16, wherein the providing the service location map comprises:  
selecting the at least one service based on server load balancing techniques.

20. (Previously presented) The method for managing services of claim 16, further comprising:  
providing a message posting service for sending messages directly to the subscriber when the subscriber is connected to the extensible service bus.

21. (Amended) The method for managing services of claim 16, wherein ~~the second network comprises a broadband network; and~~  
the second network state change service is provided only by enables the agent machine to communicate via a the broadband network.

22. (Amended) A computer program product comprising:  
first instructions for providing a registration service where an agent machine can register as a subscriber with the extensible service bus and receive a subscriber identification;  
second instructions for providing a login service where the agent machine can connect to the extensible service bus using the subscriber identification;  
third instructions for providing a service map management service that receives server location information from each of the plurality of services and generates a service location map comprising a listing of at least one of the plurality of the services included on the extensible service bus and server location information corresponding to each service of the at least one service;  
fourth instructions for providing a connection status service to monitor the connection status of subscribers and the servers connected to the extensible service bus; and

fifth instructions for providing a second network service, wherein  
the second network service causes the agent machine to change a state of  
the agent machine to comply with a requirement for using one of  
the plurality of services ~~controls the agent machine when the~~  
~~second machine accesses a second network, and~~  
~~the first network comprises the second network.~~

23. (Amended) A system comprising:  
a registration service where an agent machine can register as a subscriber with the  
extensible service bus and receive a subscriber identification;  
a login service where the agent machine can connect to the extensible service bus  
using the subscriber identification;  
a service map management service that receives server location information from  
each of the plurality of services and generates a service location map  
comprising a listing of at least one of the plurality of the services included  
on the extensible service bus and server location information  
corresponding to each service of the at least one service;  
a connection status service to monitor the connection status of subscribers and the  
servers connected to the extensible service bus; and  
a second network service, wherein  
the second network service causes the agent machine to change a state of  
the agent machine to comply with a requirement for using one of  
the plurality of services ~~controls the agent machine when the~~  
~~second machine accesses a second network, and~~  
~~the first network comprises the second network.~~

24. (Amended) A server computer system comprising:  
a processor for executing instructions; and  
a memory for storing the instruction, wherein the instructions comprise:

first instructions for providing a registration service where an agent machine can register as a subscriber with the extensible service bus and receive a subscriber identification;

second instructions for providing a login service where the agent machine can connect to the extensible service bus using the subscriber identification;

third instructions for providing a service map management service that receives server location information from each of the plurality of services and generates a service location map comprising a listing of at least one of the plurality of the services included on the extensible service bus and server location information corresponding to each service of the at least one service;

fourth instructions for providing a connection status service to monitor the connection status of subscribers and the servers connected to the extensible service bus; and

fifth instructions for providing a second network service, wherein the second network service causes the agent machine to change a state of the agent machine to comply with a requirement for using one of the plurality of services ~~controls the agent machine when the second machine accesses a second network, and the first network comprises the second network.~~

25. (New) A method comprising:  
 providing a plurality of services located on a plurality of servers, wherein  
 a first service of the plurality of services causes an agent machine to  
 change a state of the agent machine to comply with a requirement  
 for using at least one of the plurality of services.

26. (New) The method of claim 25 wherein  
 the causing the agent machine to change the state comprises

causing the agent machine to install a service interface.

27. (New) The method of claim 25 wherein  
the causing the agent machine to change the state comprises  
causing the agent machine to update a service interface.
28. (New) The method of claim 25 wherein  
the causing the agent machine to change the state comprises  
causing the agent machine to update a load balancing algorithm.
29. (New) The method of claim 25 wherein  
the causing the agent machine to change the state comprises  
causing the agent machine to update a failover mechanism.
30. (New) The method of claim 25 wherein  
the causing the agent machine to change the state comprises  
causing the agent machine to interact in accordance with a distribution  
architecture.
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